

Form PTO-1449 (Substitute) U.S. Department of Commerce  
Patent and Trademark Office

Application Number	10/759,841
Filing Date	January 15, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Whiteman, Brian A.
Attorney Docket No.	0687/74768-AA- JPW/GJG/JRM

**INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	<del>3</del>	<del>7,138,565 B2 (including complete file history)</del>	<del>11-21-2006</del>	<del>Peter Michael Waterhouse and Ming-Bo Wang</del>
	<del>4</del>	<del>2007-0056057 A1 (including complete file history)</del>	<del>03-08-2007</del>	<del>Peter Michael Waterhouse and Ming-Bo Wang</del>
	<del>5</del>	<del>2005/0251877 A1 (including complete file history)</del>	<del>11-10-2005</del>	<del>Peter Michael Waterhouse and Ming-Bo Wang</del>
	<del>6</del>	<del>2003/074684 A1 (including complete file history)</del>	<del>04-17-2003</del>	<del>Peter Michael Waterhouse and Robert Norman Rice</del>
	<del>10</del>	<del>2003/0159161 A1 (including complete file history)</del>	<del>08-21-2003</del>	<del>Peter Michael Waterhouse and Robert Norman Rice</del>
	<del>14</del>	<del>09/100,813 (including complete file history)</del>	<del>06-10-1998</del>	<del>Michael Wayne Graham</del>
	<del>15</del>	<del>09/646,807 (including complete file history)</del>	<del>12-05-2000</del>	<del>Michael Wayne Graham et al.</del>
	<del>17</del>	<del>2004/0237145 A1 (including complete file history)</del>	<del>11-23-2004</del>	<del>Michael Wayne Graham et al.</del>
	<del>19</del>	<del>2008/0044906 A1 (including complete file history)</del>	<del>02-21-2008</del>	<del>Peter Michael Waterhouse et al.</del>
	<del>20</del>	<del>09/056,767 (including complete file history)</del>	<del>04-08-1998</del>	<del>Peter Michael Waterhouse et al.</del>
	<del>21</del>	<del>09/127,735 (including complete file history)</del>	<del>08-03-1998</del>	<del>Peter Michael Waterhouse et al.</del>
	<del>22</del>	<del>09/287,632 (including complete file history)</del>	<del>04-07-1999</del>	<del>Peter Michael Waterhouse et al.</del>

**FOREIGN PATENT DOCUMENTS**

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Applicants: Michael Wayne Graham and  
Robert Norman Rice  
Serial No.: 10/759,841  
Filed: January 15, 2004  
E14513

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BW/

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Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	28	11/841,737 (including complete file history)	08-20-2007	Peter Michael Waterhouse et al.
	27	5,631,148	05-20-1997	Michael S. Urdea
	27B	6,848,562	12-23-1997	Andrew Fire et al.
	29	4,629,320	12-16-1986	Bernhard Lersmacher and Wilhelmus F. Knippenberg
	30	5,349,126	09-20-1994	Joseph Chappell et al.
	31	5,434,070	07-18-1995	Sumiko Inouye and Masayori Inouye
	32	5,495,775	04-11-1995	Sumiko Inouye and Masayori Inouye
	33	5,474,935	12-12-1995	Saswati Chatterjee and K.K. Wong, Jr.
	34	5,496,698	03-05-1996	Kenneth G. Draper and Dennis G. Macejak
	35	5,530,192	06-25-1996	Junko Murase and Jun Imamura
	36	5,578,716 (redacted version)	11-26-1996	Moshe Szyf and Eric van Hofe
	37	5,597,718	01-28-1997	Maliyakal E. John et al.
	38	5,631,148 (redacted version)	05-20-1997	Michael S. Urdea
	39	5,801,154	09-01-1998	Edgardo Baracchini et al.
	40	5,859,347	01-12-1999	Sherri Marie Brown and Colleen Gail Santino
	41	6,350,575	02-26-2002	Monika Lusky and Majid Mehtali
	42	6,506,559 (redacted version)	01-14-2003	Andrew Z. Fire et al.
	43	6,849,448	02-01-2005	Anthony J.F. D'Apice et al.

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	44	5,959,600	08-17-1999	Robert Willem Goldbach et al.
	45	5,952,546	09-14-1999	John R. Dedbrook et al.
	46	6,158,585	11-21-2000	Robert Willem Goldbach et al.
	47	7,064,185	06-20-2006	Lester F. Lau
	48	2004/0106556 A1	06-03-2004	Shi Long Lin and Shao Yao Ping
	49	2004/0234504 A1	12-23-2004	Inder M. Verma et al.
	50	60/068,562 (redacted version)	12-23-1997	Andrew Fire et al.
	51	10/571,384	09-10-2004	Peter Michael Waterhouse et al.
	52	2003-0074684 A1	04-17-2003	Michael Wayne Graham and Robert Norman Rice
	53	2002-0150968	10-17-2002	Deng S. Wang and Ai Chen

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	2	WO 01/12824 A1	02-22-2001		
	13	WO 1999/049029	09-30-1999		
	54	AU 729454	02-01-2001		
	55	AU 20891/91	10-1997		
	56	AU 20891/97	10-1997		
	57	AU-B-34025/93	08-17-1995		
	58	EU 0223399	05-05-1997		
	59	EU 0240208	10-07-1987		
	60	EU 0467349	01-22-1992		
	61	EU 0647715	04-12-1995		
	62	EU 0779364	06-18-1997		
	63	EU 0522880	01-13-1993		

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	64	EU 0426195 B1	10-17-2001		
	65	EU 0458367 B1	10-17-2001		
	66	WO 89/05852	06-29-1989		
	67	WO 89/10396	11-02-1989		
	68	WO 90/12488 A2	11-01-1990		
	69	WO 91/16426	10-31-1991		
	70	WO 91/16440	10-31-1991		
	71	WO 92/04456	03-19-1992		
	72	WO 92/13070	08-08-1992		
	73	WO 92/18625	10-09-1997		
	74	WO 92/17596	10-15-1992		
	75	WO 92/21757	12-10-1992		
	76	WO 93/10251	05-27-1993		
	77	WO 94/01550 (redacted version)	01-20-1994		
	78	WO 94/17194	08-04-1994		
	79	WO 94/29465	12-22-1994		
	80	WO 2003/076619 A1	09-18-2003		
	81	WO 95/15394	06-08-1995		
	82	WO 97/11170 A1 (redacted version)	03-27-1997		
	83	WO 97/13865	04-17-1997		
	84	WO 97/16559	05-09-1997		

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[illegible]

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	1	Complete file history for U.S. Patent No. 6,423,885 B1, issued July 23, 2002 (U.S. Serial No. 09/373,720, filed August 13, 1999; Peter Michael Waterhouse and Ming-Bo Wang)	
	3A	Amendment submitted October 22, 2004 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3B	Amendment submitted July 23, 2005, including Terminal Disclaimer in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3C	Amendment submitted April 7, 2006 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3D	Notice of Allowability including Examiner's Statement of Reasons for Allowance issued July 11, 2006 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3E	Office Action issued September 22, 2004 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3F	Office Action issued January 13, 2005 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3G	Office Action issued October 7, 2005 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	3H	Preliminary Amendment submitted May 23, 2002 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	4A	Communication submitted September 21, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	4B	Office Action issued July 24, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	4C	Office Action issued December 12, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	4D	Preliminary Amendment submitted November 6, 2006 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	

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	5A	Amendment submitted February 28, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5B	Amendment submitted October 18, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5C	Office Action issued January 30, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5D	Office Action issued April 18, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5E	Office Action issued December 20, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5F	Preliminary Amendment submitted July 13, 2005 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	5G	Amendment submitted February 15, 2008 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005, including Exhibit A	
	5H	Office Action issued March 21, 2008 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	7	Complete file history of U.S. Patent No. 6,573,099, June 3, 2003 (U.S. Serial No. 09/100,812, filed June 19, 1998; Michael Wayne Graham)	
	7A	Advisory Action issued February 15, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7B	Amendment submitted November 10, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7C	Amendment submitted November 12, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7D	Amendment submitted April 29, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	

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	7E	Amendment submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7F	Amendment submitted October 17, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7G	Communication submitted April 3, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7H	Declaration of Michael Wayne Graham submitted April 29, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7I	Declaration of Kenneth Clifford Reed submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7J	Declaration of Michael Wayne Graham submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7K	Interview Summary issued January 11, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7L	Interview Summary issued September 18, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7M	Notice of Allowability, including Examiner's Amendment and Examiner's Statement of Reasons for Allowance issued November 20, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7N	Office Action issued December 2, 1999 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7O	Office Action issued May 10, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	7P	Office Action issued February 12, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	8	File of Re-examination Control No. 90/007,247, filed October 4, 2004 including all references cited and disclosed, rejections and arguments therein (reexamination of U.S. Patent No. 6,573,099, issued June 3, 2003 from U.S. Serial No. 09/100,812)	

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	8A	Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8B	Amendment submitted June 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8C	Declaration of Michael Graham Under 37 C.F.R. § 1.132 included with the Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8D	Declaration [of Michael Graham, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted June 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8E	Ex Parte Reexamination Interview Summary issued October 25, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8F	Letter to Examiner submitted March 1, 2006, including a copy of a communication from the Australian Patent Office in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8G	Office Action issued August 31, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8H	Office Action issued April 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8I	Order Granting / Denying Request For Ex Parte Reexamination issued December 7, 2004 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8J	Request for Reexamination Pursuant to 35 U.S.C. §§ 302-307 and 37 C.F.R. § 1.510, submitted October 4, 2004 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	8K	Statement of the Content of the Interview Under 37 C.F.R. § 1.560(b) included with the Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	9	File of Re-examination Control No. 90/008,096, filed May 18, 2006 including all references cited and disclosed, rejections and arguments therein (reexamination of U.S. Patent No. 6,573,099, issued June 3, 2003 from U.S. Serial No. 09/100,812)	
	9A	Housekeeping Amendment submitted November 27, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	

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<b>Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	<b>Application Number</b>	10/759,841
	<b>Filing Date</b>	January 15, 2004
	<b>First Named Inventor</b>	Michael Wayne Graham and Robert Norman Rice
	<b>Art Unit</b>	1635
	<b>Examiner Name</b>	Whiteman, Brian A.
	<b>Attorney Docket No.</b>	0687/74768-AA- JPW/GJG/JRM

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	9B	Notice of Failure to Comply with Ex Parte Reexamination Request Filing Requirements [37 CFR 1.510(c)] issued May 23, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	9C	Order Granting / Denying Request For Ex Parte Reexamination issued July 20, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	9D	Reply to Notice of Failure to Comply with Ex Parte Reexamination Request Filing Requirements submitted June 14, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	9E	Request for Reexamination Pursuant to 35 U.S.C. §§ 302-307 and 37 C.F.R. §§1.502 and 1.510, submitted May 18, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	8/9A	Amendment submitted April 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9B	Amendment submitted August 3, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9C	Declaration [of Kenneth Reed, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted April 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9D	Declaration [of Michael Graham, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted April 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9E	Interview Summary issued March 2, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9F	Interview Summary issued July 6, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9G	Office Action issued January 24, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9H	Statement of the Content of the Interview Under 37 C.F.R. § 1.560(b) included with the Amendment submitted August 3, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	8/9I	Summary of the Substance of the Interview and Comments on Examiner's Notes submitted March 16, 2007 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	

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	8/9J	Office Action issued April 11, 2008 in connection with Merged Reexamination Nos. 90/007,247 and 90/008,096, filed October 4, 2004 and May 18, 2006, respectively	
	10A	Amendment submitted January 17, 2003 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10B	Amendment submitted October 17, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10C	Amendment submitted March 25, 2003 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10D	Amendment submitted December 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10E	Amendment submitted February 22, 2007, in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10F	Communication submitted August 2, 2005 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10G	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10H	Office Action issued July 22, 2005 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
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	10J	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10K	Office Action issued June 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10L	Office Action issued April 17, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	

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	10M	Petition for Unintentionally Delayed Claim of Priority under 37 CFR § 1.78(a)(3) submitted December 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10N	Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	10O	Amendment submitted April 16, 2008 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	11	Complete file history for U.S. Published Application No. 2004/0266005 A1, published December 30, 2004 (U.S. Serial No. 10/821,726, filed April 8, 2004; Michael Wayne Graham et al.)	
	11A	Amendment submitted November 19, 2005 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11B	Amendment submitted November 30, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11C	Amendment submitted December 14, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11D	Amendment submitted August 2, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11E	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11F	Communication issued April 2, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11G	Decision on Petition to Make Special Under 37 CFR 1.102(d) issued July 28, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11H	Office Action issued October 14, 2005 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11I	Office Action issued May 30, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	

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	11J	Office Action issued November 6, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11K	Petition to Make Special Under 37 CFR 1.102(d) submitted July 28, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11L	Preliminary Amendment submitted April 8, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	11M	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted December 12, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	12	Complete file history for U.S. Published Application No. 2005/0250208 A1, pub. November 10, 2005 (U.S. Serial No. 11/180,928, filed July 13, 2005; Michael Wayne Graham et al.)	
	12A	Amendment submitted December 22, 2006, in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12B	Amendment submitted October 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12C	Communication submitted March 6, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12D	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12E	Office Action issued October 31, 2006 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12F	Office Action issued February 6, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12G	Office Action issued April 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12H	Office Action issued January 8, 2008 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	

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	12I	Preliminary Amendment submitted July 13, 2005 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	12J	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) filed October 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005.	
	15A	Amendment submitted December 18, 2002 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15B	Amendment submitted September 8, 2003 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15C	Amendment submitted December 7, 2004 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15D	Amendment submitted March 10, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15E	Amendment submitted December 27, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
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	15L	Office Action issued December 17, 2003 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15M	Office Action issued June 28, 2006 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15N	Petition for Unintentionally Delayed Claim of Priority under 37 CFR § 1.78(a)(3) submitted December 28, 2006 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15O	Preliminary Amendment submitted September 20, 2000 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15P	Preliminary Amendment submitted May 14, 2001 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15Q	Preliminary Amendment submitted July 30, 2001 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	15R	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted December 12, 2007 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	16	Complete file history for U.S. Published Application No. 2004/0064842 A1, April 1, 2004 (U.S. Serial No. 10/646,070, filed August 22, 2003; Michael Wayne Graham et al.)	
	16A	Amendment submitted December 15, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16B	Amendment submitted April 7, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16C	Amendment submitted December 27, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16D	Amendment submitted June 22, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16E	Amendment submitted July 24, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	

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	16G	Amendment submitted February 28, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16H	Amendment submitted October 29, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16I	Amendment issued January 24, 2008 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16J	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16K	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	16L	Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Protein Sequence Disclosures issued October 27, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
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	16S	Preliminary Amendment submitted August 22, 2003 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	17A	Advisory Action issued September 14, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17B	Advisory Action issued July 20, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
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	17S	Petition to Make Special Under 37 CFR 1.102(d) submitted July 23, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17T	Preliminary Amendment submitted December 21, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004.	
	17U	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted December 12, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	17V	Office Action issued April 17, 2008 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	18	Complete file history for U.S. Published Application No. 2006/0014715, published January 19, 2006 (U.S. Serial No. 11/218,999, filed September 2, 2005; Michael Wayne Graham et al.)	
	18A	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	18B	Office Action issued September 17, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	

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<b>Form PTO-1449 (Substitute) U.S. Department of Commerce Patent and Trademark Office</b>		<b>Application Number</b>	10/759,841
		<b>Filing Date</b>	January 15, 2004
		<b>First Named Inventor</b>	Michael Wayne Graham and Robert Norman Rice
		<b>Art Unit</b>	1635
		<b>Examiner Name</b>	Whiteman, Brian A.
		<b>Attorney Docket No.</b>	0687/74768-AA- JPW/GJG/JRM

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	18C	Preliminary Amendment To The Accompanying Divisional Application Filed Under 37 C.F.R. §1.53, Submission of Sequence Listing And Information Disclosure Statement submitted September 2, 2005 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	18D	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) submitted October 31, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	18E	Amendment submitted February 19, 2008 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	22A	Advisory Action issued April 11, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22B	Communication issued December 3, 2004, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22C	Communication issued March 25, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22D	Communication issued August 21, 2001 in connection with U. S. Serial No. 09/287,632, filed April 7, 1999	
	22E	Communication submitted May 18, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22F	Communication issued July 21, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22G	Communication issued June 2, 1999 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22H	Declaration of Dr. Marc De Block Under 37 C.F.R. §1.132, including Annexes 1 and 2 submitted August 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22I	Declaration of Dr. Elizabeth Salisbury Dennis Under Under 37 C.F.R. §1.132, including Exhibits 1 to 14 submitted August 8, 2007 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22J	Interview Summary issued November 30, 2007 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BW/

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	22K	Interview Summary issued June 2, 2006, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22L	Interview Summary issued July 29, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22M	Interview Summary of September 5, 2002 Interview in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22N	Office Action issued February 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22O	Office Action issued June 22, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22P	Office Action issued November 10, 2005 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22Q	Office Action issued March 11, 2005 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22R	Office Action issued November 3, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22S	Office Action issued November 2, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22T	Office Action issued November 1, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22U	Office Action issued April 9, 2003 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22V	Office Action issued July 16, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22W	Office Action issued October 3, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	

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	22X	Petition To Correct Inventorship Pursuant To 37 C.F.R. 1.48(a) submitted September 13, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22Y	Amendment submitted November 22, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22Z	Amendment submitted May 10, 2006, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22AA	Amendment submitted September 12, 2005 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22BB	Amendment submitted August 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22CC	Amendment submitted July 7, 2003 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22DD	Amendment submitted January 16, 2003 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22EE	Amendment issued April 2, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22FF	Amendment submitted August 24, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22GG	Amendment submitted June 11, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22HH	Amendment submitted March 5, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22II	Amendment submitted August 21, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	22JJ	Preliminary Amendment submitted June 28, 1999 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	

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	22KK	Summary of Interview submitted August 6, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	23	Complete file history for U.S. Patent Publication No. 2004-0214330, published October 28, 2004 (U.S. Serial No. 10/755,328, filed January 13, 2004; Peter Michael Waterhouse et al.)	
	23A	Office Action issued September 1, 2005 in connection with U.S. Serial No. 10/755,328, filed January 13, 2004	
	23B	Preliminary Amendment submitted January 13, 2004 in connection with U.S. Serial No. 10/755,328, filed January 13, 2004	
	24	Complete file history for U.S. Patent Publication No. 2006-0178335, published August 10, 2006 (U.S. Serial No. 11/364,183, filed March 1, 2006; Peter Michael Waterhouse et al.)	
	24A	Interview Summary for February 1, 2008 Interview in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24B	Office Action issued July 10, 2007 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24C	Amendment submitted January 10, 2008 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24D	Preliminary Amendment submitted March 1, 2006 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	24E	Office Action issued April 17, 2008 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	25	Complete file history for U.S. Patent Publication No. 2007-0078105, published April 4, 2007 (U.S. Serial No. 11/607,062, filed December 1, 2006; Peter Michael Waterhouse et al.)	
	25A	Preliminary Amendment submitted December 1, 2006 in connection with U.S. Serial No. 11/607,062, filed December 1, 2006	
	27C	Bussey, H., et al. (2006) "From worm genetic networks to complex human diseases" Nat. Genet. 38(8):862 - 863	

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	27D	Fire et al. (1998) "Potent and Specific Genetic Interference by Double-Stranded RNA in <i>Caenorhabditis elegans</i> " <i>Nature</i> 391:806-822	
	27E	Gunsalus, K.C., and Piano, F. (2005) "RNAi as a tool to study cell biology: building the genome-phenome bridge" <i>Curr. Opin. Cell. Biol.</i> 17(1):3-8	
	27F	Homann, M., et al. (1996) "Dissociation of long-chain duplex RNA can occur via strand displacement in vitro: biological implications" <i>Nucleic Acids Res.</i> 24(22):4395-4400	
	27G	Prasad, B.V., et al. (1996) "Visualization of ordered genomic RNA and localization of transcriptional complexes in rotavirus" <i>Nature</i> 382(6590):471-473	
	27H	Wang, S., and Dolnick, B.J. (1993) "Quantitative evaluation of intracellular sense: antisense RNA hybrid duplexes." <i>Nucleic Acids Res.</i> 21(18):4383-4391	
	27I	Bissler, J.J. (1998) "DNA inverted repeats and human disease," <i>Front Biosci.</i> 3:408-418	
	27J	Chou, S.H., et al. (2003) "Unusual DNA duplex and hairpin motifs," <i>Nucleic Acids Res.</i> 31(10):2461-74	
	28A	European Search Report issued for EP05016726, completed on March 8, 2006	
	28B	EPO Form 2001 dated July 16, 2007 in connection with European Patent Application No. 05013010.3	
	28C	EPO Form 2906 dated July 16, 2007 in connection with European Patent Application No. 05013010.3	
	28D	International Preliminary Report on Patentability issued by the International Bureau of WIPO on March 13, 2006 in connection with International Application No. PCT/AU2004/001237	
	28E	International Search Report mailed on October 16, 2000, for PCT application no. PCT/IB00/01133 filed August 14, 2000	
	28F	International Search Report mailed on November 14, 2002, for PCT patent application no. PCT/AU02/01326 filed September 27, 2002, 4 pages	

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	28G	International Search Report issued by the International Searching Authority (ISA/AU) on October 20, 2004 in connection with International Application No. PCT/AU2004/001237	
	28H	Written Opinion mailed on March 19, 2001, for PCT application no. PCT/IB00/01133 filed August 14, 2000	
	28I	Written Opinion of the International Searching Authority issued by the International Preliminary Examining Authority (IPEA/AU) on October 20, 2004 in connection with International Application No. PCT/AU2004/001237	
	95	Abstract in English for European Patent Publication No. 0560156, published September 15, 1993, retrieved from esp@acenet on April 22, 2008	
	96	Amendment submitted November 4, 2005 in connection with U.S. Serial No. 10/282,996, filed October 30, 2002	
	97	Amendment submitted February 8, 2007 in connection with U.S. Serial No. 10/571,384, filed as a \$371 national stage of PCT International Application No. PCT/AU2004/01237	
	98	Agami et al. (2002) "RNAi and Related Mechanisms And Their Potential Use For Therapy" Current Opinion in Chemical Biology 6:829-834	
	99	Barry et al. (1993) "Methylation induced premeiotically in ascobolus: coextension with DNA repeat lengths and effect on transcript elongation" Proc. Natl. Acad. Sci. 90:4557-4561	
	100	Becker, W.M., and Deamer, D.W. (1991) "The World of the Cell," pp. 474 to 477 (The Benjamin/Cummings Publishing Company, Inc., Redwood City, California, pub.)	
	101	Blomberg et al. (1990) "Control of Replication of Plasmid R1: the Duplex Between the Antisense RNA, CopA and its Target, CopT, is Processed Specifically in vivo and in vitro by Rnase III" The EMBO Journal 9:2331-2340	
	102	Bramlage et al. (1998) "Designing Ribozymes for the Inhibition of Gene Expression," TIBTECH, 16:434-438	
	103	Brantl et al. (1991) "Copy Number Control of the Streptococcal Plasmid p1P501 Occurs at Three Levels" Nucleic Acids Research 20:395-400	
	104	Braun and Hemenway (1992) "Expression of Amino-Terminal Portions or Full-Length Viral Replicase Genes in Transgenic Plants Confers Resistance to Potato Virus X Infection" Plant Cell 4:735-744	

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	105	Brederode et al. (1995) "Replicase-Mediated Resistance to Alfalfa Mosaic Virus" Virology 207:467-474	
	106	Brussian, J.A. et al., (1993) "An Arabidopsis Mutant with a Reduced Level of cab140 RNA is a Result of Cosuppression" The Plant Cell, American Society of Plant Physiologists, Rockville, MD, USA, 5:667-677	
	107	Berns, K., et al. (2004) "A large-scale RNAi screen in human cells identifies new components of the p53 pathway," Nature 428:431-437	
	108	Byzova et al. (2004) "Transforming Petals Into Sepaloid Organs in Arabidopsis and Oilseed Rape: Implementation of the Hairpin RNA Mediated Gene Silencing Technology in an Organ-Specific Manner" Planta 218:379-87	
	109	Cameron et al. (1989) "Specific Gene Suppression by Engineered Ribozymes in Monkey Cells" Proc. Natl. Acad. Sci. USA 86:9139-9143	
	110	Caplen et al. (2002) "A New Approach to the Inhibition of Gene Expression" Trends In Biotechnology 20:49-51	
	111	Carr et al. "Resistance to Tobacco Mosaic Virus Induced by the 54-k Da Gene Sequence Requires Expression of the 54-k Da Protein" Mol. Plant-Micorb. Interact 5:397-404	
	112	Chen et al. (2003) "Temporal and Spatial Control of Gene Silencing in Transgenic Plants by Inducible Expression of Double Stranded RNA" The Plant Journal 36:731-40	
	113	Covey et al. (1997) "Plants Combat Infection by Gene Silencing," Nature 385:781-782	
	114	Citron et al. (1990) "The c4 Repressors of Bacteriophages P1 and P7 Are Antisense RNAs" Cell 62:591-598	
	115	Dale et al. (1990) "Intra- and Intermolecular Site-Specific Recombination in Plant Cells Mediated by Bacteriophage P1 Recombinase" Gene 91:79-85	
	116	Davis, EM et al. (1997) "Expansion of a CUG trinucleotide repeat in the 3' untranslated region of myotonic dystrophy protein kinase transcripts results in nuclear retention of transcripts," Proc. Natl. Acad. Sci. USA 94:7388-7393	
	117	Denoya et al. (1986) "Translational Autoregulation of ermC 23S rRNA Methyltransferase Expression in Bacillus subtilis" Journal of Bacteriology 113-1141	
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	118	Donahue C.P. et al. (1997) "Kinetics of Hairpin Ribozyme Cleavage in Yeast" RNA 3:961-973	
	119	Eckner et al. (1991) "Mature mRNA 3' End Formation Stimulates RNA Export From the Nucleus," EMBO J. 10:3513-3522	
	120	Egli and Braus (1994) "Uncoupling of mRNA 3' Cleavage and Polyadenylation by Expression of a Hammerhead Ribozyme in Yeast," J. Biol. Chem. 269:27378-27383	
	121	Faske, M. et al. (1997) "Transgenic Tobacco Plants Expressing Pea Chloroplast Nmdh cDNA in Sense and AntiSense Orientation," Plant Physiol., Am. Soc. Of Plant Physiologists, Lancaster, Pa, 115:705-715	
	122	Garcia et al. (2004) "A Classical Arabinogalactan Protein is Essential for the Initiation of Female Gametogenesis in Arabidopsis" The Plant Cell 16:2614-28	
	<del>123</del>	<del>Gilbert, S.E. (1997) "Development Biology" 5th ed., Sinauer Associates Inc., Sunderland, MA, pubs.</del>	
	124	Goodwin et al. (1996) "Genetic and Biochemical Dissection of Transgenic RNA-Mediated Virus Resistance" Plant Cell 8:95-105	
	125	Graham, M.W. et al. (1996) "Co-suppression, Anti-Sense and Synthetic Viral Resistance: a Common Mechanism!" Symposium 4-3, Abstract for talk given by Michael Graham at the Lorne Genome Conference, Victoria, Australia, February 1996	
	126	Guo et al. (2003) "A Chemical Regulated Inducible RNAi System in Plants" The Plant Journal 34:383-92	
	127	Hama et al. (1990) "Organization of the Replication Control Region of Plasmid Collb-P9" Journal of Bacteriology 1983-1991	
	128	Hamilton et al. (1990) "Antisense Gene That Inhibits Synthesis of the Hormone Ethylene in Transgenic Plants" Nature 346:284-287	
	129	Haseloff et al. (1988) "Simple RNA Enzymes With New and Highly Specific Endonuclease Activities," Nature 334:585-591	
	130	Heard, D.J., et al. (1995) "An upstream U-snrRNA gene-like promoter is required for transcription of the Arabidopsis thaliana 7SL RNA gene," Nucleic Acids Res. 23(11):1970-6	

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	<b>Examiner Name</b>	Whiteman, Brian A.
	<b>Attorney Docket No.</b>	0687/74768-AA- JPW/GJG/JRM

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